



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)



## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

### Centralized Placement Cell(CPC)

Regional Office, RHCS Layout, Annapoorneshwari Nagar, Nagarabhavi, Bangalore-560091

Ref: CPC Drive – 2022-23/15

Date: 23<sup>rd</sup> Jan 2023

### Opening for

BE/B.Tech/ME/M.Tech  
(**All**  
**Branches**)/BCA/MCA/B  
CA(CS)/M.Sc(CS)

**2023 & 2024 PASS  
OUT Batch**



**DRIVE  
15**

**Supports the\***  
**Free Training, Internship cum  
Recruitment drive**

**By**



### Company Profile

Greetings from Kodnest Technologies Pvt Ltd.

We have a Program aimed at providing IT-based skill development along with placement opportunities across India for absolutely free of COST. We are also tied up with more than 500 IT companies who directly recruit students from us at Zero Cost again. Your support and guidance will help us take this to every corner of our country and help build skills and employability

All productive ideas need to keep continuing and we are back with the most anticipated and fruitful project " THE DREAM FACTORY 2023". We are extremely delighted to extend the Dream factory program with more value addition to this edition with world-class training comprising a blend of Technical + programming + Aptitude + Interview etiquette all at one place and the most important takeaway is that we have 45 days of placements for those students who complete it successfully along with internship certificate too. **Let's join hands in making the**

**future engineers more equipped and ready for the IT industry and KodNest has now initiated a new program for all Tech Graduates who are in their final year called The Dream Factory A kodnest 2023 project in which No Commercials are involved.**

A brief on who we are:-

**KodNest Technologies Pvt ltd** is a product-based software company in the ED-TECH space offering various solutions to Students/Colleges/Universities and also Hiring partners. We are an **ISO 29990:2010 and ISO 9001:2015 certified company** for its quality in informal education & also **Recognized by the Govt of India.**

KodNest Technologies is a premier skill development company with its corporate office in Bangalore offering an entire range of services involved in training, development, and Employment.

<http://www.kodnest.com/>

This program has been designed to cater to all learners who are looking to excel in the field of Full Stack Web Development. I would like to take this opportunity to highlight some of the key features of the program that make it an excellent choice for anyone looking to enhance their skills and advance their career.

We wish and hope you will guide us as always in taking this **wonderful opportunity " Dream Factory 2023"** to all the **Final & Pre-Final Year VTU students across karnataka.**

An updated course content with an internship on Full Stack Web Development: The program is designed to provide you with the latest and most relevant information in the field of Full Stack Web Development. The program also includes an internship where you will get hands-on experience working on real-world projects.

Thoroughly Researched on the current hiring trends to update learning content: The program is designed to keep you ahead of the curve by providing you with the latest industry trends and information. This will ensure that you are well-prepared for the job market.

Take Away from the KodNest Dream Factory 2023 program:

1. Internship certificate for the students who complete the Internship successfully: The program will provide you with an internship certificate, which will be a great addition to your resume.
2. The program includes a project on Full Stack web application, which will give you a real-world experience of working on a project.
3. Resume building, HR-FAQ, Interview etiquettes: The program also includes a module on resume building, HR-FAQ, and interview etiquettes, which will help you to improve your chances of getting hired.
4. Placements for 30 Days for those who complete the Internship successfully: The program also includes placements for 30 days for those who complete the Internship

successfully and must be in their final year now.

5. Absolutely Zero Cost: The program is absolutely free of cost.

6. Self Paced learning: You can learn at your own pace, so you can balance your studies and other commitments.

7. 24\*7 Access to our LMS and the Learning content: The program provides you with 24\*7 access to our LMS and the learning content, so you can learn at any time.

8. Live Doubt clearing sessions: The program includes live doubt clearing sessions, which will help you to clear your doubts and improve your understanding.

9. Interactive forums to clear your doubts, discuss coding and other technical aspects with your other peers across India: The program includes interactive forums where you can clear your doubts, discuss coding and other technical aspects with your peers across India.

10. Structured and carefully designed to cater to all the learners: The program is structured and carefully designed to cater to all the learners.

11. Students from the Final and pre- final year across all the branches can enroll and learn. However,placements will be given to only Final year Students as we conduct this program each year.

12. Deadline to complete the internship is May, 2023 tentatively, Exact dates will be announced soon.

**We strongly recommend you to consider joining this program as it will provide you with all the knowledge, skills and experience you need to excel in the field of Full Stack Web Development.**

**Registration Link (Last date to register 30-01-2023)**

<https://bit.ly/kodnestdf3>

**VTU CPC wishes all the candidates a prosperous career ahead.....**

**\*VTU CPC is only a platform to link the recruiter and the candidates. The candidates are advised to take maximum care in selecting the recruiter and terms & conditions of appointment. VTUCPC is not responsible for any lapses in the agreement between the candidate and their recruiter.**

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**Dr. Binoy Mathew, Director, VTU's Central Placement Cell (CPC), Email: [placement@vtu.ac.in](mailto:placement@vtu.ac.in), <https://vtu.ac.in/en/vtu-placement/>**



# DREAM FACTORY 2023



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# VISION OF DREAM FACTORY

Each and every student dreams of one thing for sure, to be able to start their career right after college and contribute to the growth of their family and our nation. The Vision we carry here is to collaborate with colleges / universities to provide **150 hours of free training** on technical, competitive programming, aptitude, personality development, tools and small projects to all the final and pre-final year students and also provide 30 days of placements for those who complete the training program. This would not only boost the college / universities hard work but also give us immense satisfaction as a Team for the life changing work that we are doing as a part of our CSR Program without charging a single rupee. We were the first to start to such a program and have a huge success and track record for the 2021 & 2022 graduates.



## OUR MISSION

Every mission needs a plan and our plan is simple. We will join hands with all such strong forces who would want to see their students grow and succeed in their career by getting skilled upto industry standards and get their first dream job. We want to do this with the support of college because they have a huge role in shaping the students career and the growth of the Nation.

Your  
**Start**  
is Here



# Why Dream Factory Program?

Every year there are lakhs of students who graduate from technical specialization, but a mere 3% are readily employable as per the survey.

The team at KodNest comprises experts who understand the need of the IT Industry and with over 900+ clients who directly hire from us we have thoroughly designed this program keeping in mind various aspects that would up lift a fresher's chances of getting their dream job.

This Dream factory program is something we do once a year and it's our small way of giving back to society and we are the pioneers in this space, which we proved factually in the year 2021 & 2022 and this year it is going to be bigger and better with a collaborative efforts and support from Colleges/ Universities too.

The entire Dream Factory Project will be '**absolutely free**' for the college and the students and KodNest shall not charge even a single rupee as we strongly believe that this noble work of ours is towards the Nation Building.



# Benefits of Hiring



- ☑ Hire in volume the best qualified talents across India @ **Zero-Cost / No-Cost**
- ☑ One stop solution to hire from **20,000+ groomed 2023 & 2024 passing out freshers** from various Universities / colleges PAN India
- ☑ Ability to execute a planned drive with about 20,000+ trained students - Reducing your **Average hiring time by 10X**
- ☑ Hire Fresher's from our **pre-assessed talent Database** , who are tested on personality, aptitude & domain skill - **making your recruitment process easier**
- ☑ Tie-Up & associated with **Central Placement Cell (CPC) of VTU (220 colleges affiliated under VTU are partnered), APITA - Andhra Pradesh Information Technology Academy ( 500+ plus college from AP) & RGPV - Rajiv Gandhi Proudhyogiki Vishwavidyalaya (Madhya Pradesh) & with more than 500+ Colleges across location.**
- ☑ With our operations team , Create your brand presence and awareness with white - labelling



# Who can enroll for this program?



**All the final year students from B.E / B.Tech , M.E / M.Tech , MCA / BCA , M.Sc / B.Sc-CS** can enroll for this course and be eligible for placements too.

**Students from all the branches / specialization** can enroll and placements criteria will be decided by the hiring company.

**Pre-final year students** can also learn and do the internship, and be awarded an Internship certificate; however placements are provided only for the current Final Year students.

## Steps to enroll :

1. Register for Dream Factory on this Link : <https://bit.ly/kodnestdf3>
2. Once you register on the Above link you can also **join our Telegram channel** to get instant updates related to the Dream Factory program.  
Telegram channel link : <https://t.me/dfkod2023>
3. How to login and use our LMS?

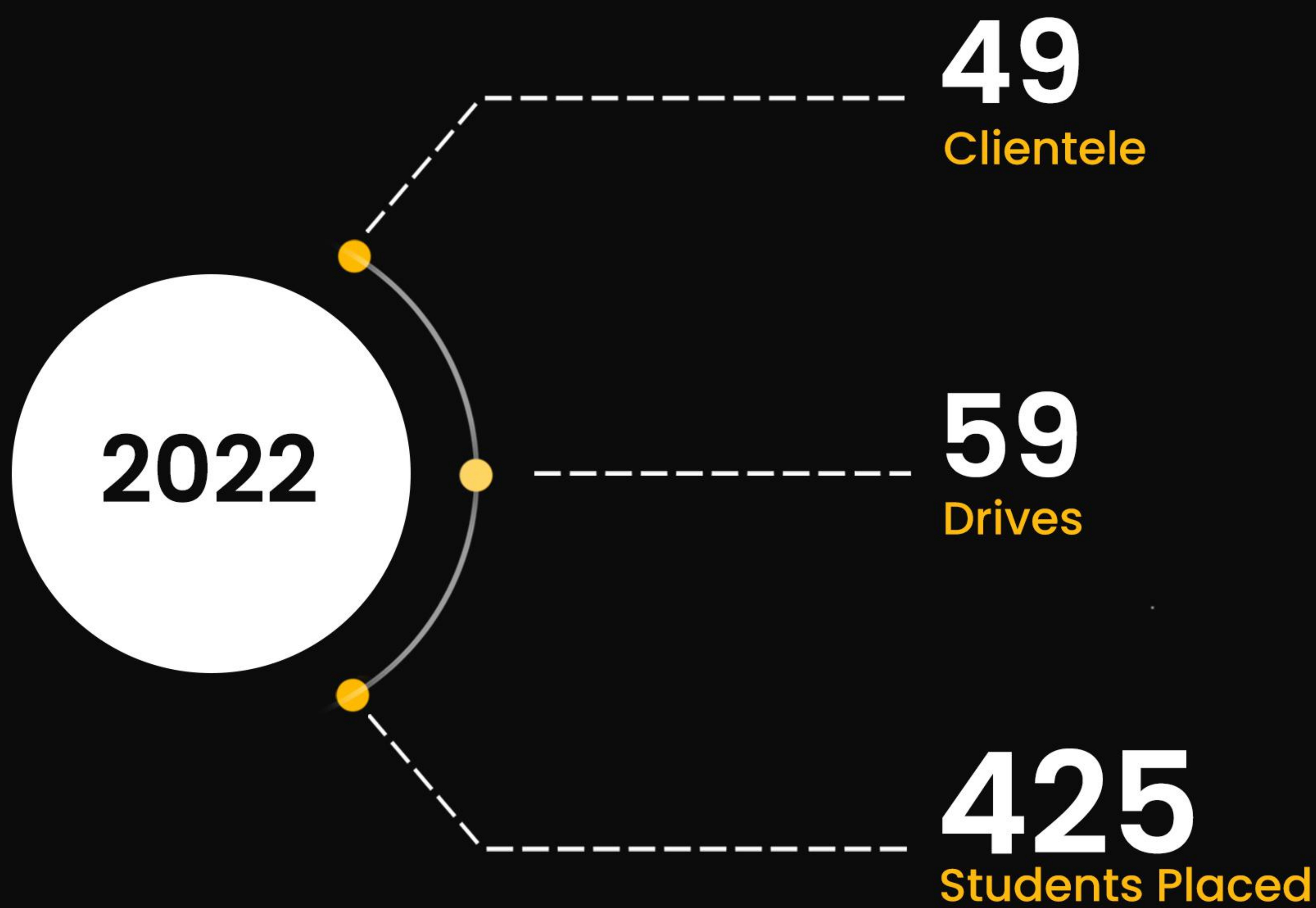
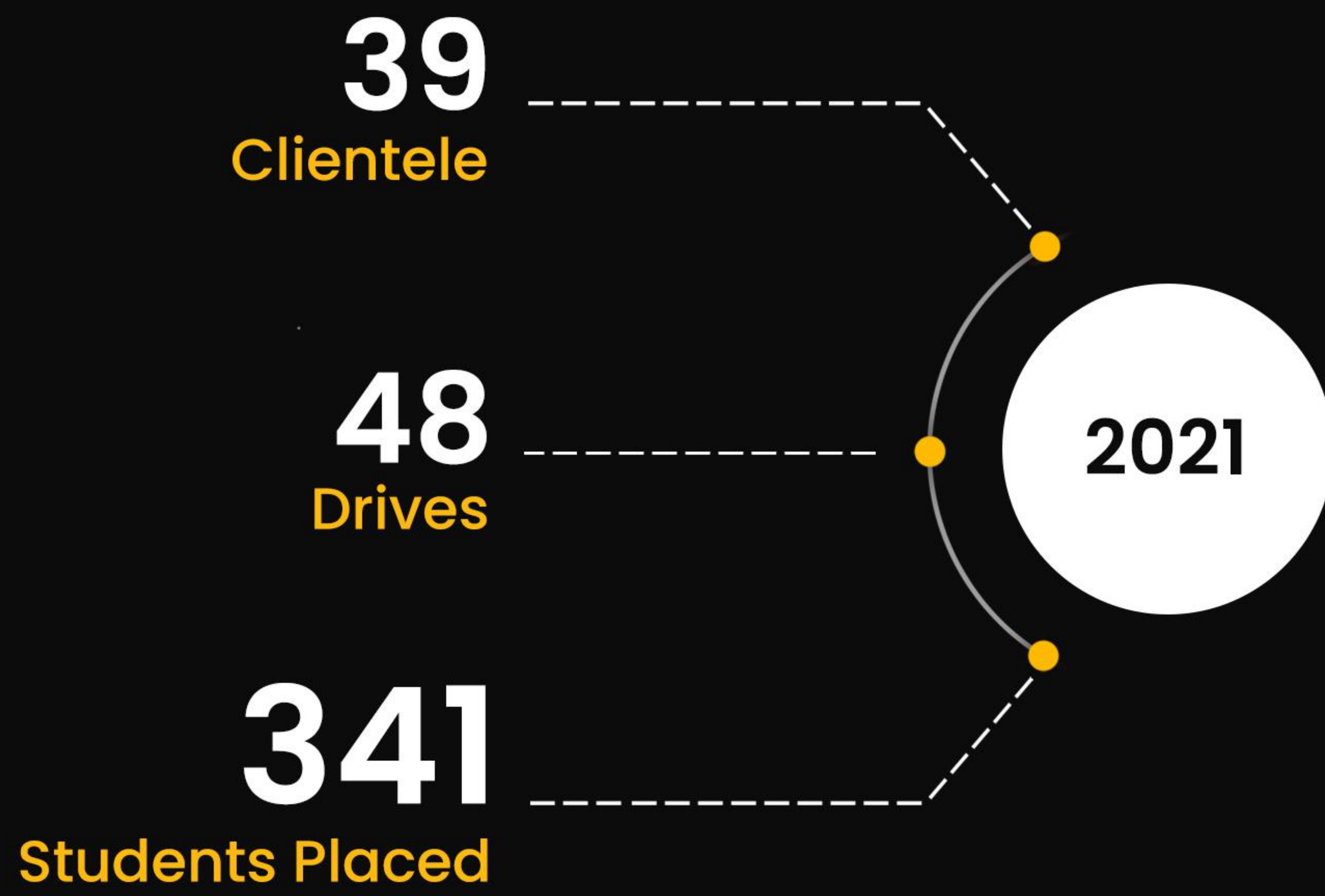
Type this URL in your browser <https://learn.kodnest.com/> And register. Upon successful registration you are now ready to start learning. The process of registration and uses of the LMS is uploaded as a small youtube video of our LMS tour guide. The link to this video will be available on our telegram group Description.





## Drive Stats of Dream Factory 2021 & 2022

2021



2022



# Dream Factory 2022

## Clientele Participated



And Many More...

# Internship Content

## JAVA CONTENT

### INTRODUCTION

- What is programming
- High Level Language & Machine Level Language
- Flow of a JAVA program
- WORA
- JAVA's architecture
- Installation of JAVA

### DATA TYPES & BASICS

- Variables
- Programming conventions
- Data Types
- Use of Scanner class



# OBJECT ORIENTED PROGRAMMING INTRODUCTION

- What is object-oriented programming?
- Objects & classes
- Creating objects

## ARRAYS

- 1-D Arrays
- 2-D Arrays
- Limitations of arrays

## STRINGS

- String introduction
- Ways to create strings in java
- What are immutable strings?
- In-built methods present in String class

## METHODS

- Methods introduction
- Types of methods
- Method overloading

# OBJECT ORIENTED PROGRAMMING CONCEPTS

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- Encapsulation
  - Objects & classes
  - Creating objects
- Inheritance
  - What is inheritance?
  - Implementing inheritance in programs
- Polymorphism
  - Ways to create strings in java
  - What are immutable strings?
- Abstraction
  - Abstract methods & classes
  - Achieving abstraction through abstract classes
  - Achieving abstraction through interfaces

## CONSTRUCTORS & Static KEYWORD

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- Constructors use and program flow
- Static components of a class
- Use of static variables, methods & blocks
- main() in details

## EXCEPTION HANDLING

- What are exceptions?
- Handling an exception
- Exception hierarchy
- Final keyword
- Difference between final, finally & finalize

## COLLECTIONS FRAMEWORK

- What is a framework?
- Need of Collections framework
- Collections hierarchy
- Important classes & methods
- Maps

## JDBC

- Web application architecture
- Need of JDBC
- CRUD operations using JDBC

## SERVLETS & JSP's

- Need of Servlets & JSP's
- Creating first dynamic web project
- Creating 1st mini full stack web application

## PROJECT: WEB APPLICATION

## PROGRAMMING: IMPORTANT CODING QUESTIONS

### SQL

## INTRODUCTION TO DBMS

## CRUD OPERATION

## CONSTRAINTS & FUNCTIONS

## JOINS

## NORMALIZATION

### WEB

## HTML

## CSS

## JAVASCRIPT

## PROJECT 1: PORTFOLIO

## PROJECT 2: STATIC WEBSITE

# APTITUDE

## Divisibility Rule + Remainder Concept

## L.C.M & H.C.F.

## Ratios & Percentage

## Ages Based Problems

## Profit, Loss & Discount

## S.I & C.I.

## Time and Distance

## Time & Work

## Average, Mixture and Alligation

## Area and Mensuration

## Number Series, Odd Man Out

## Coding Decoding, Puzzles

**Blood Relation**

**Direction Sense**

**Seating Arrangement & Order-Ranking**

**Sequence & Series**

**Clocks & Calendars**

**Permutation & Combination**

**Probability**

**Syllogism**

**Crypt**

**Data Sufficiency & Interpretation**

**Figure and Pattern Based Problems**

## **SOFT SKILLS**

**RESUME BUILDING**

**FREQUENTLY ASKED HR QUESTIONS**

# PROGRAMMING

Frequently asked simple interview programs

Frequently asked complex interview programs

Frequently asked logical interview programs

Frequently asked Algorithmic interview programs

Hacker rank , Hacker earth and leetcode programs.

```
while ( ! ( succeed = try ( ) ) ) ;
```

**Build a Full Stack Web Application**



**30 Days of Placement**



**Internship Certificate**



**Get Skilled & Trained**



SCAN AND JOIN



**Together we will win**